Journal of the Neurological Sciences, 120 (1993) 238–239
Elsevier Science Publishers B.V.

Contents of Volume 120

Number 1 – 1 December 1993

Abstracts 1

Review article

Corticosteroid therapy in Duchenne muscular dystrophy
M.A. Khan (USA) 8

Research articles

Widespread multiple system degeneration in a patient with familial amyotrophic lateral sclerosis
H. Takahashi, K. Oyanagi, F. Ikuta, M. Tanaka, T. Yuasa and T. Miyatake (Japan) 15

Cerebral blood flow and oxygen metabolism in progressive dementia associated with amyotrophic lateral sclerosis
M. Tanaka, S. Kondo, S. Hirai, X. Sun, T. Yamagishi and K. Okamoto (Japan) 22

Autopsy report of acute necrotizing opticomyelopathy associated with thyroid cancer
Y. Kuroda, M. Miyahara, T. Sakemi, M. Matsui, T. Ryu, M. Yamaguchi, E. Sasadomi and H. Sugihara (Japan) 30

Low affinity nerve growth factor receptor, adrenal transplant and Parkinson's disease
O. Strada, E.C. Hirsch, F. Javoy-Agid, C. Duyckaerts, J.-J. Hauw and Y. Agid (France) 34

Anti-GM_1/GD_{1b} M-proteins damage human spinal cord neurons co-cultured with muscle
T. Heiman-Patterson, T. Krupa, P. Thompson, E. Nobile-Orazio, A.J. Tahmoush and M.E. Shy (USA, Italy) 39

Establishment and characterization of an HTLV-I cell line from a Taiwanese patient with HTLV-I-associated myelopathy
Y.-C. Yang, T.-p. Hung, C.-H. Wang, M.-T. Lin, T.-Y. Hsu, J.-Y. Chen, Y.-C. Chen and C.-S. Yang (Taiwan) 47

On the possibility of autolysosomal processing of skein-like inclusions. Electron microscopic observation in a case of amyotrophic lateral sclerosis
I. Nakano, T. Shibata and Y. Uesaka (Japan) 54

Low diagnostic yield of sural nerve biopsy in patients with peripheral neuropathy and primary amyloidosis
Z. Simmons, M. Blaivas, A.J. Aguilera, E.L. Feldman, M.B. Bromberg and J. Towfighi (USA) 60

An animal model of chronic ischemic neuropathy with proliferative changes of nerve microvessel wall
H. Yasuda, T. Hisanaga, K. Maeda, T. Kawabata, T. Takigawa, M. Terada, R. Kikkawa and S. Yukio (Japan) 64

Muscular weakness in the *mdx* mouse
F. Muntoni, A. Mateddu, F. Marchei, A. Clerk and G. Serra (Italy, UK) 71

Antibodies to skeletal muscle in myasthenia gravis. Part 2. Prevalence in non-thymoma patients
J.B.M. Kuks, P.C. Limburg, G. Horst and H.J.G.H. Oosterhuis (The Netherlands) 78

Cardiovascular autonomic dysfunction in multiple sclerosis is likely related to brainstem lesions
G. Vita, M.C. Fazio, S. Milone, A. Blandino, L. Salvi and C. Messina (Italy) 82

Neurosteroids in cerebrospinal fluid in neurologic disorders
T. Azuma, T. Matsubara, Y. Shima, S. Haeno, T. Fujimoto, K. Tone, N. Shibata and S. Sakoda (Japan) 87

Immunofixation superior to plasma agarose electrophoresis in detecting small M-components in patients with polyneuropathy
M. Vrethem, B. Larsson, H. Von Schenck and J. Ernerudh (Sweden) 93

Interleukin-2 secreting cells in multiple sclerosis and controls
C.-Z. Lu, S. Fredrikson, B.-G. Xiao and H. Link (Sweden) 99

Latent infection with the MS strain of herpes simplex virus type 2 in the mouse following intracerebral inoculation
C. Lynas, T.J. Hill, N.J. Maitland and S. Love (UK) 107

Clinical signs of brain death simulated by Guillain-Barré syndrome
J.F. Martí-Massó, J. Suárez, A. López de Munain and N. Carrera (Spain) 115

Letters to the Editor

Mycobacterium tuberculosis polymerase chain reaction findings in neurosarcoidosis
W. Liedtke, A. May, R. Dux, P.M. Faustmann and C.W. Zimmermann (Germany) 118

Retraction letter re: J. Neurol. Sci., 112 (1991) 216–222
G. Goldstein, C. Aimé, S. Berrih-Aknin, C. Cottin, B. Eymard, J.-F. Bach and E. Morel (USA, France) 120

Number 2 – 15 December 1993

Research articles

Temporal evolution and spatial distribution of the diffusion constant of water in rat brain after transient middle cerebral artery occlusion
Q. Jiang, Z.G. Zhang, M. Chopp, J.A. Helpern, R.J. Ordidge, J.H. Garcia, B.A. Marchese, Z.X. Qing and R.A. Knight (USA) 123

Relation between MRI features and dementia in cerebrovascular disease patients with leukoaraiosis: a longitudinal study
L. Bracco, D. Campani, E. Baratti, A. Lippi, D. Inzitari, G. Pracucci and L. Amaducci (Italy) 131

Bladder sensory power factor (BSPF): a novel diagnostic tool
D. Yarnitsky and Y. Vardi (Israel) 137

Painless aortic dissection presenting as a progressive myelopathy
S.F. Holloway, P.B. Fayad, R.G. Kalb, J.B. Guarnaccia and S.G. Waxman (USA) 141

Different effects of 4-aminopyridine on regenerated cutaneous and muscular rat sciatic nerve branches
C.M. Bowe and C. Hildebrand (USA, Sweden) 145

Axonal regeneration in an articular branch following rat sciatic nerve lesions
B. Povlsen and C. Hildebrand (Sweden) 153

Decrease of nerve Na^+,K^+-ATPase activity in the pathogenesis of human diabetic neuropathy

E. Scarpini, R. Bianchi, M. Moggio, M. Sciacco, M.G. Fiori and G. Scarlato (Italy) 159

Antibodies to skeletal muscle in myasthenia gravis. Part 3. Relation with clinical course and therapy
J.B.M. Kuks, P.C. Limburg, G. Horst and H.J.G.H. Oosterhuis (The Netherlands) 168

Content of mutant mitochondrial DNA and organ dysfunction in a patient with a MELAS subgroup of mitochondrial encephalomyopathies
N. Shiraiwa, A. Ishii, H. Iwamoto, H. Mizusawa, Y. Kagawa and S. Ohta (Japan) 174

Reversal of impaired oxidative phosphorylation and calcium overloading in the in vitro cardiac mitochondria of CHF-146 dystrophic hamsters with hereditary muscular dystrophy
S.K. Bhattacharya, P.L. Johnson and J.H. Thakar (USA) 180

Neuronal survival is associated with 72-kDa heat shock protein expression after transient middle cerebral artery occlusion in the rat
Y. Li, M. Chopp, Z.G. Zhang, R.L. Zhang and J.H. Garcia (USA) 187

Arachidonic fatty acid in red blood cell membranes, lymphocytes, and cultured skin fibroblasts of dominant Charcot-Marie-Tooth syndrome
L.L. Williams and F.S. Wright (USA) 195

Monocyte phenotype in blood and cerebrospinal fluid: compartment-specific pattern is unrelated to neurological disease
A. Salmaggi and M. Sandberg-Wollheim (Sweden, Italy) 201

Double mutations at codon 180 and codon 232 of the PRNP gene in an apparently sporadic case of Creutzfeldt-Jakob disease
S. Hitoshi, H. Nagura, H. Yamanouchi and T. Kitamoto (Japan) 208

A controlled study of brain magnetic resonance imaging in patients with the chronic fatigue syndrome
B.H. Natelson, J.M. Cohen, I. Brassloff and H.-J. Lee (USA) 213

Historial review

The World Federation of Neurology: the formative period 1955–1961. Personal recollections
C.M. Poser (USA) 218

Letter to the Editor

Congenital myotonic dystrophy in tropical countries
F.E. Leon-S., G. Pradilla and C.A. Pardo (Japan, Colombia) 228

Books received 230

Erratum 231

News and Notes 232

Author Index (Vol. 119) 233

Subject Index (Vol. 119) 235